

**(B) Drawing Correction**

Formal drawings are submitted herewith in response to Draftspersons objections on Form PTO 948. Figures 1-2 and 4 have been designated with the legend "Prior Art" as required in the Office Action. If the attached formal drawings are satisfactory it is requested that they be forwarded to the Draftsperson. A second copy of the drawings are submitted herewith for the convenience of the Examiner.

## In the United States Patent and Trademark Office

In re application of: § Group Art Unit: 2123  
Craig M. Jarchow §  
§  
Serial No: 09/855,925 § Examiner: Day, Heng Der  
§  
Filed: February 4, 2000 § Attorney Docket No. APA-001  
Title: System for Estimating Thickness of Thin Subsurface Strata

Official Draftsperson  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING  
I certify that this document was deposited with  
sufficient postage as First Class mail on September 26,  
2003 in an envelope addressed to Mail Stop Amendment,  
Commissioner for Patents, P. O. Box 1450, Alexandria,  
Virginia 22313-1450.

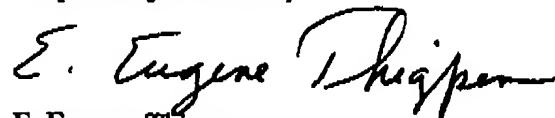
  
E. Eugene Thigpen

SUBMISSION OF FORMAL DRAWINGS

Sir:

Attached are seven sheets of Formal Drawings which correct informalities noted on Form PTO 948, included with the Office Action having a mailing date of March 26, 2003. A three-month request for extension of time is also submitted herewith. A response to the Office Action and submission of corrected drawings is now due on or before September 26, 2003.

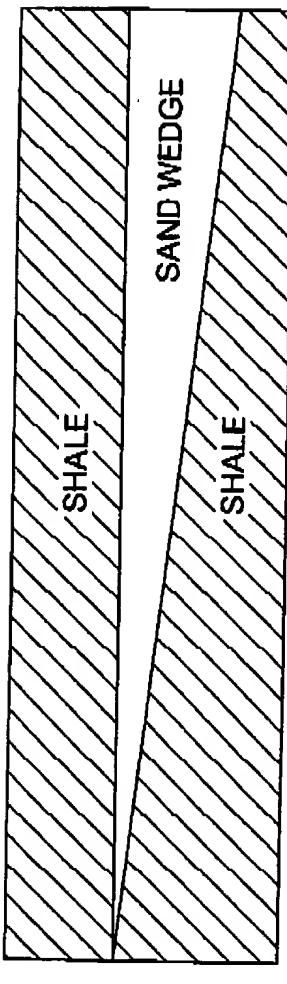
Respectfully submitted,



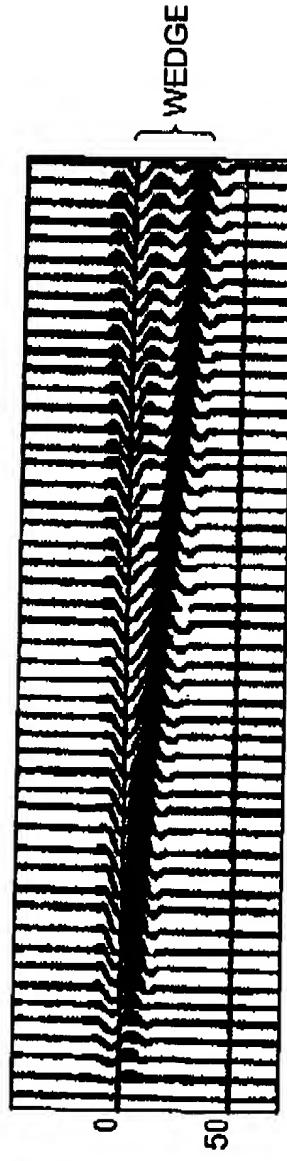
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PRIOR ART

DEPTH

PRIOR ART*Fig. 2**Fig. 1*

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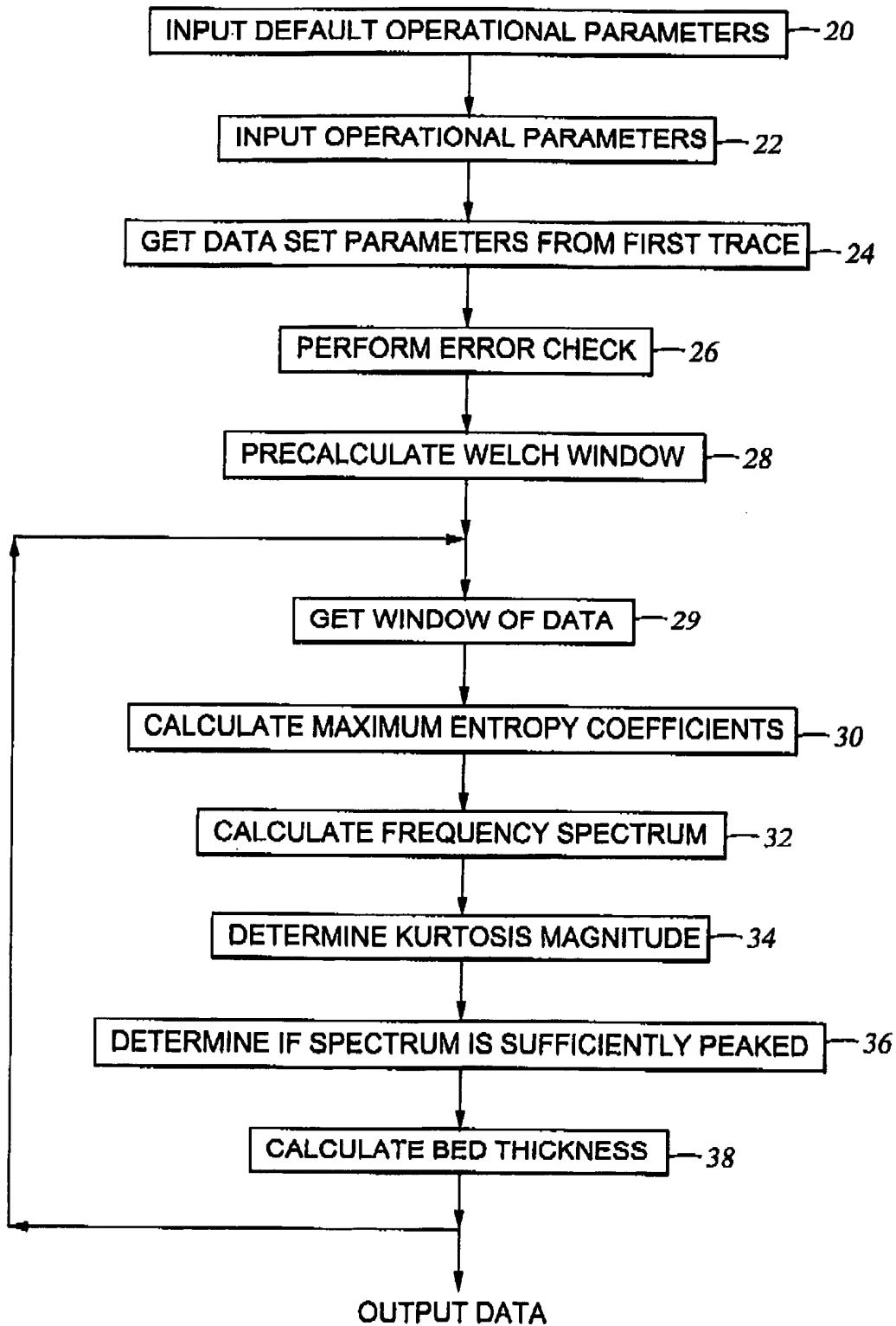


Fig. 3A

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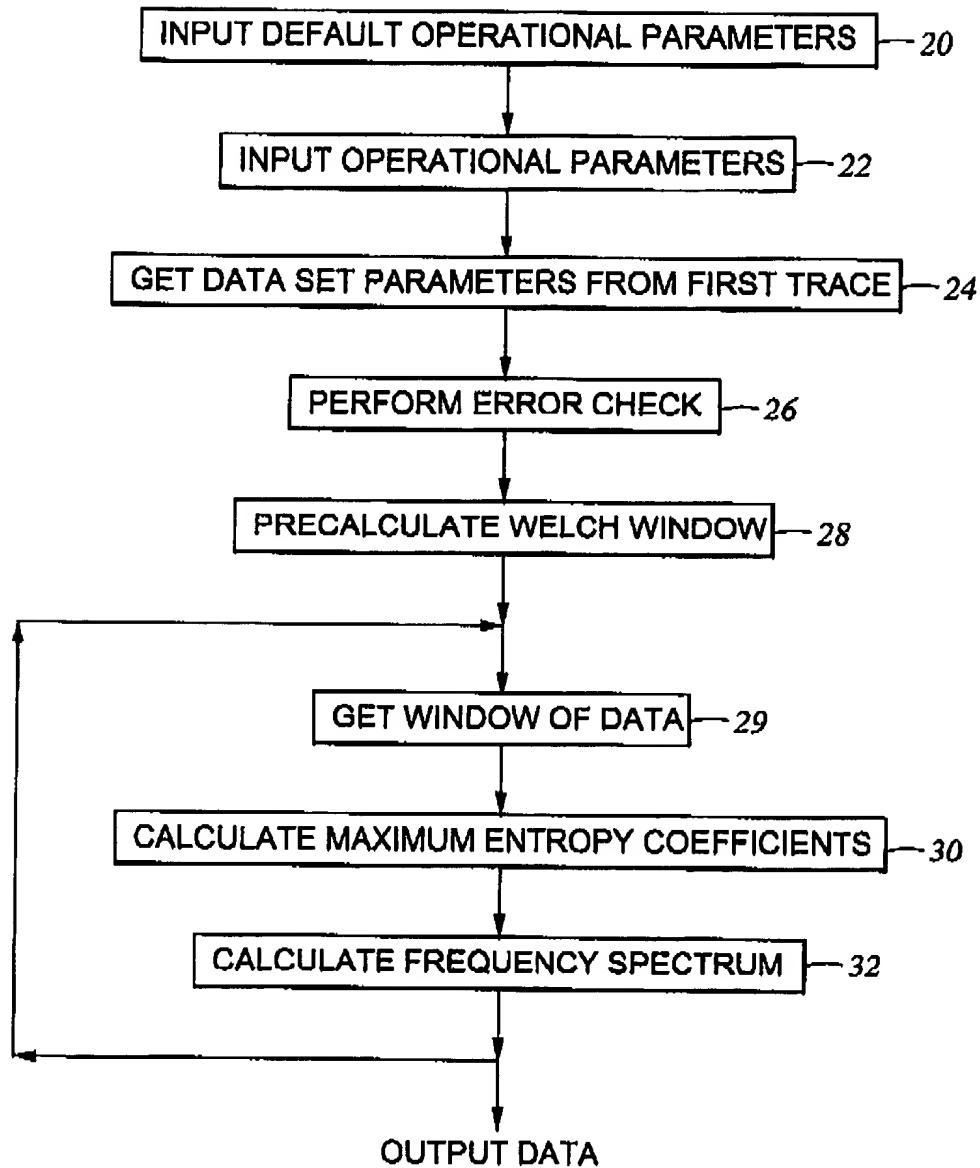
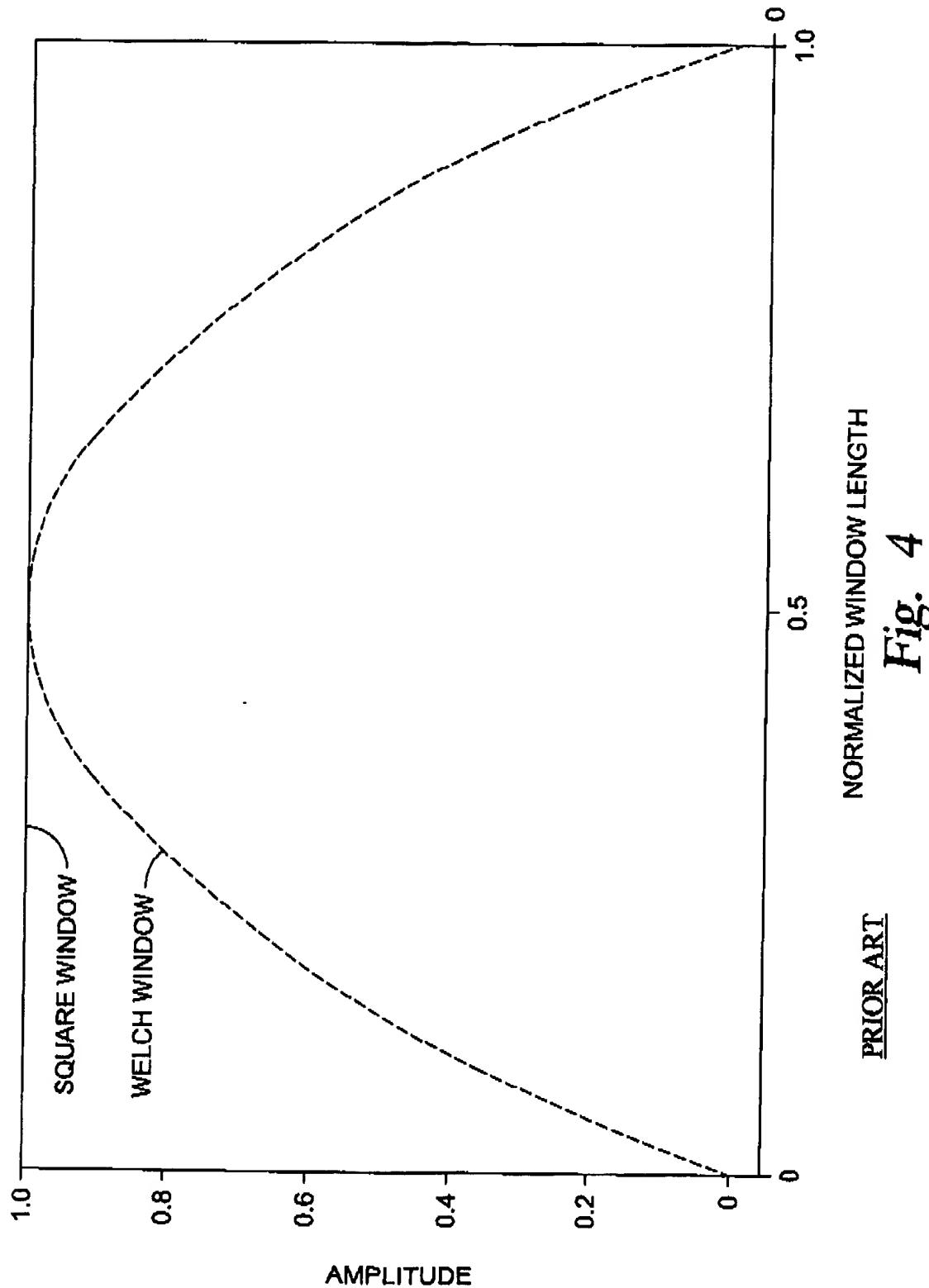


Fig. 3B

System for Estimating Thickness of Thin Subsurface Strata  
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System for Estimating Thickness of Thin Subsurface Strata  
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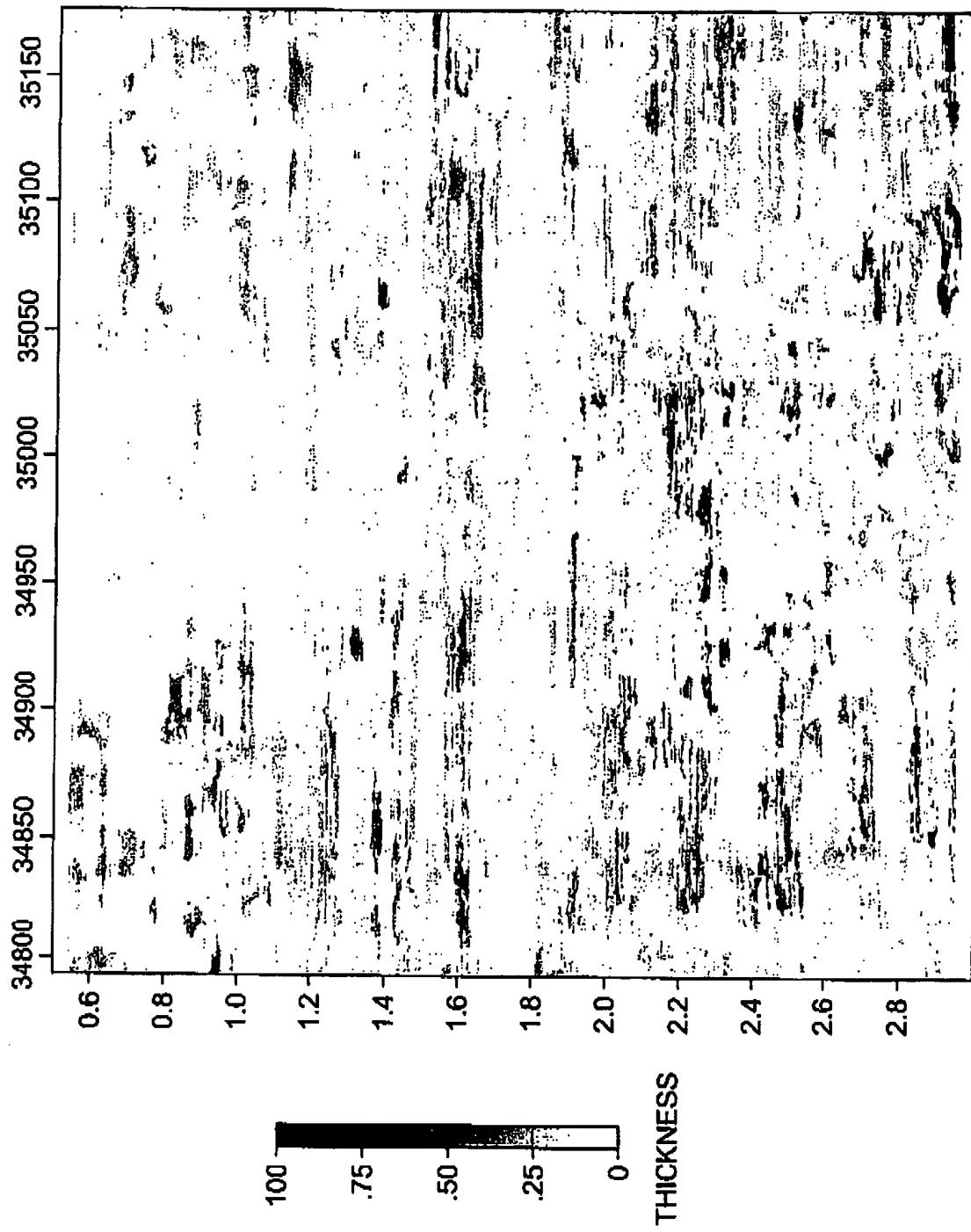


Fig. 5

## System for Estimating Thickness of Thin Subsurface Strata

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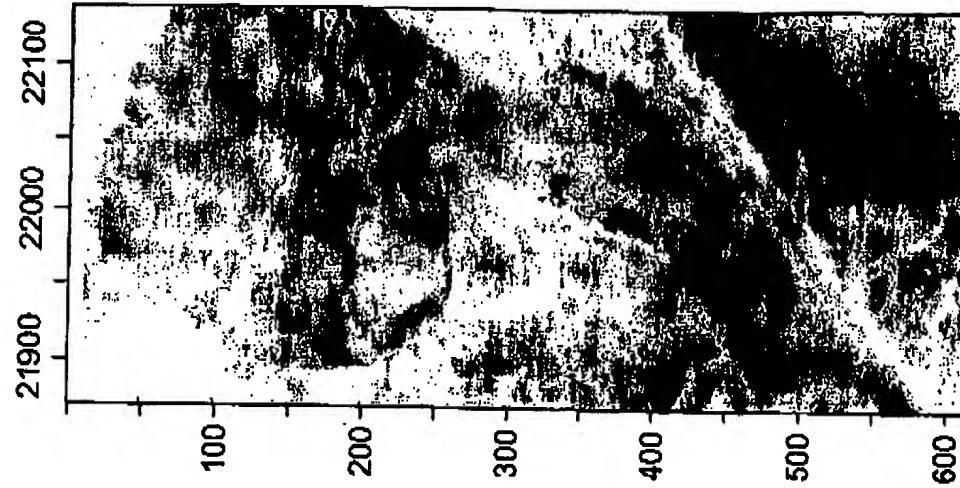


Fig. 6A

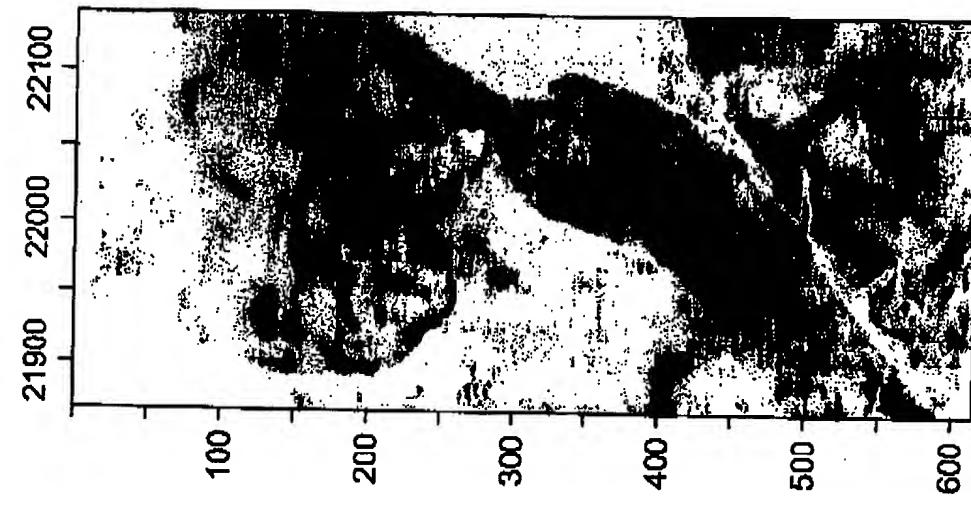


Fig. 6B

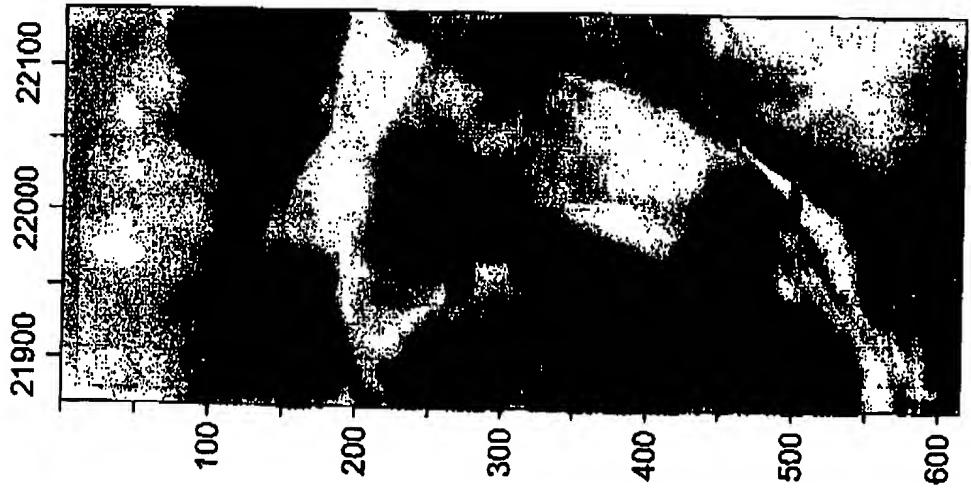


Fig. 6C

## System for Estimating Thickness of Thin Subsurface Strata

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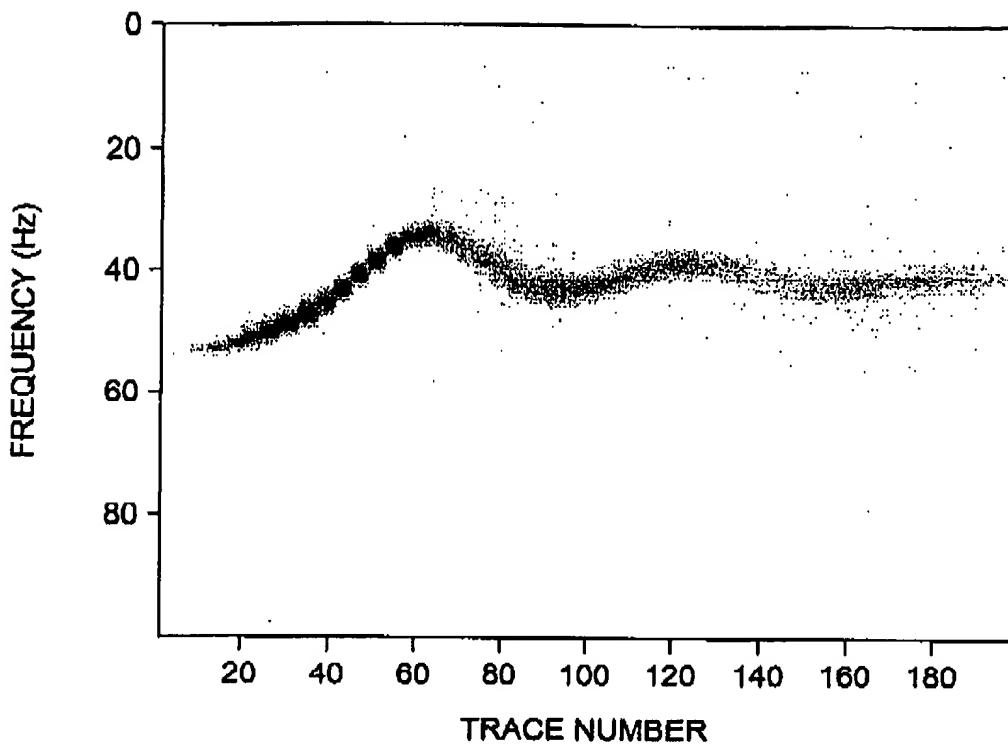


Fig. 7

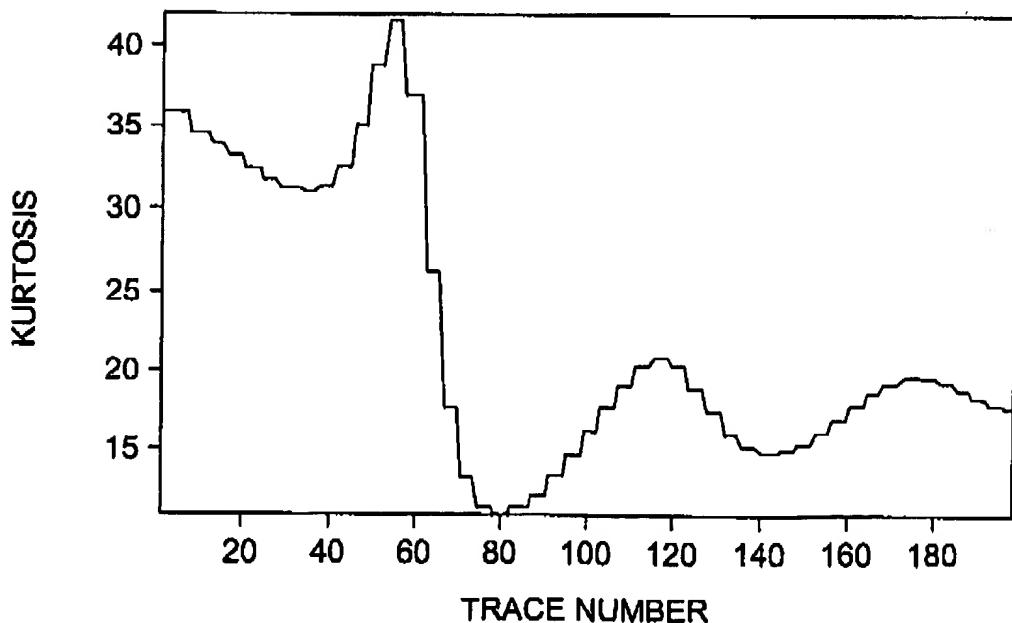


Fig. 8